

ABSTRACT OF THE DISCLOSURE

An Intelligent Network Service Control Point (IN-SCP) and method of implementing user services in a telecommunications network utilizing user-defined Call Processing Language (CPL) scripts. The IN-SCP stores at least one CPL script that provides a first service when the script is executed. The IN-SCP includes a CPL script interpreter for mapping semantics of the CPL script to IN procedural detection points. When the IN-SCP receives a service trigger from a call server such as a Mobile Switching Center (MSC), the IN-SCP executes the CPL script. If the user also subscribes to service provider-defined IN services, the IN-SCP executes the service provider-defined IN services first, and then executes the CPL script after determining that the script is consistent with the IN services.